



PTO/SB/21 (09-04) (AW 10/2004)

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**TRANSMITTAL  
FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

Application Number	10/581,826
Filing Date	June 2, 2006
First Named Inventor	Anne Neville
Art Unit	2856
Examiner Name	To Be Assigned
Attorney Docket No.	K&C-176US

**ENCLOSURES (Check all that apply)**

- ☐ Fee Transmittal Form  
☐ Fee Attached
- ☐ Amendment/Reply  
☐ After Final  
☐ Affidavits/Declaration(s)
- ☐ Extension of Time Request
- ☐ Express Abandonment Request
- ☒ Information Disclosure Statement
- ☐ Certified Copy of Priority Document(s)
- ☐ Response to Missing Parts/  
Incomplete Application  
☐ Response to Missing Parts  
under 37 CFR 1.52 or 1.53

- ☐ Drawing(s)
- ☐ Licensing-related Papers
- ☐ Petition
- ☐ Petition to Convert to a  
Provisional Application
- ☐ Power of Attorney, Revocation,  
Change of Correspondence  
Address
- ☐ Terminal Disclaimer
- ☐ Request for Refund
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- ☐ After Allowance Communication  
to TC
- ☐ Appeal Communication to Board  
of Appeals and Interferences
- ☐ Appeal Communication to TC  
(Appeal Notice, Brief, Reply  
Brief)
- ☐ Proprietary Information
- ☐ Status Letter
- ☒ Other Enclosure(s) (please  
identify below): return postcard,  
5 References, 1 Search Report,  
1 English Abstract

**Remarks:****SIGNATURE OF APPLICANT, ATTORNEY OR AGENT**

Firm Name	Ratner Prestia		
Signature			
Printed Name	Benjamin E. Leace		
Date	August 13, 2007	Registration No.	33,412

**CERTIFICATE OF TRANSMISSION / MAILING**

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature			
Typed or Printed Name	Stacey N. Perez	Date	August 13, 2007

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Office, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, ALEXANDRIA, VA 22313-1450.

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Appln. No: 10/581,826  
Applicant: Anne NEVILLE et al.  
Filed: June 2, 2006  
Title: ELECTROCHEMICAL SENSOR  
T.C./A.U.: 2856  
Examiner: To Be Assigned

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98 and to the duty of disclosure set forth in 37 C.F.R. § 1.56, the Examiner in charge of the above-identified application is requested to consider and make of record the references listed on the PTO/SB/08a and PTO/SB/08b form submitted herewith. A copy of each reference listed on the PTO/SB/08a and PTO/SB/08b, other than U.S. patents, is enclosed.

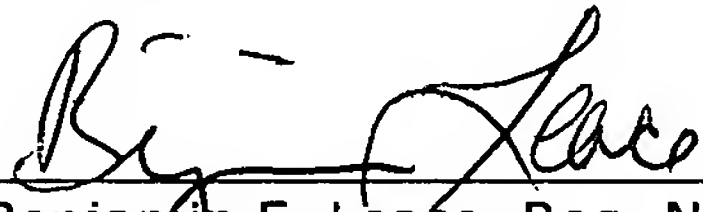
Although the information submitted herewith may be "material" to the Examiner's consideration of the subject application, this submission is not intended to constitute an admission that such information is "prior art" as to the claimed invention.

In accordance with 37 C.F.R. § 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made.

Reference EP 676,637 is not in the English language, but an English translation thereof is attached to the copy of the reference submitted herewith. Also, this reference was cited by a foreign patent office in a counterpart foreign application. A copy of this English language search report, indicating the degree of relevance determined by the foreign patent office is submitted herewith. MPEP Section 609.04(a)III, second paragraph.

This Information Disclosure Statement is being filed before mailing of the first Official Action on the merits. No first Official Action on the merits has yet been received and it is presumed that none has yet been mailed. No fee or statement is required. 37 C.F.R. §1.97(b).

Respectfully submitted,

  
Benjamin E. Leace, Reg. No.: 33,412  
James C. Abruzzo, Reg. No.: 55,890  
Attorneys for Applicants

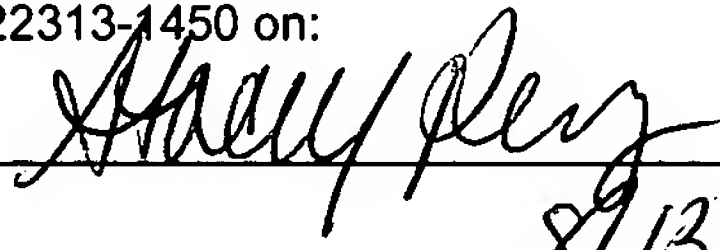
Enclosures: PTO/SB/08a and PTO/SB/08b  
(5) References  
1 Search Report  
Transmittal Form  
1 English Abstract

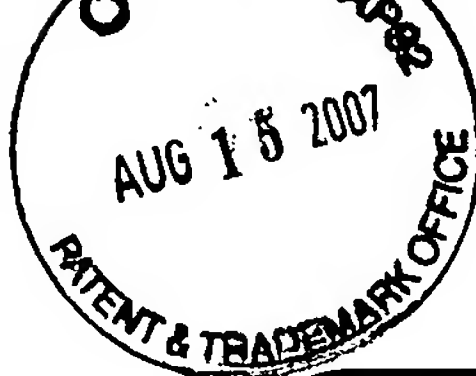
Dated: August 13, 2007

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The Commissioner for Patents is hereby authorized to charge payment to Deposit Account No. 18-0350 of any fees associated with this communication.

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8/13/07

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

**Complete if Known**

Application Number	10/581,826
Filing Date	June 2, 2006
First Named Inventor	Anne Neville et al.
Art Unit	2856
Examiner Name	To Be Assigned
Attorney Docket No.	K&C-176US

SHEET 1 of 2

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date (MM-DD-YYYY)	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (If known)			
		US-3,848,187	11-12-1974	Rohrback et al.	
		US-			
		US-			
		US-			
		US-			
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		US-			
		US-			

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date (MM-DD-YYYY)	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (If known)				
		WO 03/089920	10-30-2003	Ondeo Nalco Company		<input type="checkbox"/>
		EP 676,637 (w/ English abstract)	10-11-1995	Centre National De La Recherche Scientifique		<input type="checkbox"/>
						<input type="checkbox"/>
						<input type="checkbox"/>
						<input type="checkbox"/>
						<input type="checkbox"/>

Examiner  
SignatureDate  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

<sup>1</sup>Applicant's unique citation designation number (optional).

<sup>2</sup>See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04.

<sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard St.3).

<sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

<sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible.

<sup>6</sup>Applicant is to place a check mark here if English language translation is attached.

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(Use as many sheets as necessary)</i>	<b>Complete if Known</b>	
	Application Number	10/581,826
	Filing Date	June 2, 2006
	First Named Inventor	Anne Neville et al.
	Art Unit	2856
	Examiner Name	To Be Assigned
<b>SHEET 2 of 2</b>	Attorney Docket No.	K&C-176US

NON-PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
		HSUEH, K-L. et al., Mass Transfer of a Submerged Jet Impinging on a Cylindrical Surface, Journal of the Electrochemical Society, September 1986, pages 1845-1850, vol. 133, no. 9, USA	<input type="checkbox"/>
		GABRIELLI, C. et al., Quartz Crystal Microbalance Investigation of Electrochemical Calcium Carbonate Scaling, Electrochemical Society, July 1998, pages 2386-2396, vol. 145, no. 7, Manchester, New Hampshire, USA	<input type="checkbox"/>
		BOUET, V. et al., Application of Electrochemical Impedance Analysis To the Characterization of Mass Transfer In a Submerged Impinging Jet Cell, Journal of Electroanalytical Chemistry, July 1992, pages 325-331, vol. 340, USA	<input type="checkbox"/>
		International Search Report corresponding to PCT/GB2004/005060 dated November 5, 2005	<input type="checkbox"/>
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Examiner Signature		Date Considered	
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<sup>1</sup>Applicant's unique citation designation number (optional).

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